Appendix E
Sample Permit Conditions

Commissioning Period

1. Emissions from the commissioning period shall be minimized.

2. The control system shall be installed, adjusted and operated to minimize emissions. The minimum and maximum catalyst temperature for optimum operation shall be established with a source test.

3. The total number of firing hours without abatement shall not exceed XXX hours during the commissioning period. Emissions released during the commissioning period shall count toward quarterly and/or annual emission limits.

4. Upon completion of the commissioning period, a source test should be conducted to determine compliance with applicable emission limits.

Source Testing - Engines

<u>Greater than100 horsepower</u>

1. The permittee shall have the unit's emissions tested no less than once every 36 months. Testing shall be performed by an independent testing contractor at the unit's expected maximum operating load.

2. Prior to conducting testing associated with annual tests, the permittee shall contact the district compliance staff. Written notification shall be received no less than 15 calendar days prior to the tests. The test report and results shall be submitted to the district compliance staff within 45 days after the tests.

3. Emission testing shall be conducted with district approved test methods.

4. A district-approved portable analyzer shall be used at least quarterly to demonstrate compliance with emission limits of this permit. The intend of the use of a portable analyzer is to ensure the proper operation of air pollution control systems. Measurement results, both the date of the measurement and the measurement results, shall be recorded in the unit's operating log. If the measurements with the portable analyzer exceed the applicable levels in this permit, the permittee shall evaluate the performance of the control equipment to determine if the catalyst needs servicing/replacement or an emission test is necessary. (not applicable to engines equipped with CEM).

100 horsepower and less

1. A district-approved portable analyzer shall be used at least quarterly to demonstrate compliance with emission limits of this permit. The intend of the use of a portable analyzer is to ensure the proper operation of air pollution control systems. Measurement results, both the date of the measurement and the measurement results, shall be recorded in the unit's operating log. If the measurements with the portable analyzer exceed the applicable levels in this permit, the permittee shall evaluate the performance of the control equipment to determine if the catalyst needs servicing/replacement or an emission test is necessary.

2. The district may request the permittee to source test the engine. Testing shall be performed by an independent testing contractor at the unit's expected maximum operating load. Testing will not be requested more often than once every 36 months, unless district inspectors determine monitoring program was not properly implemented or monitoring results were misrepresented.

3. Any emission testing shall be conducted with district approved test methods.

Monitoring

1. An operating log shall be kept on the premise. At a minimum, the log shall include: a running total of the hours of operation, preventative and corrective maintenance on the engine and the air pollution control equipment and record any minor equipment modifications.
2. The permittee shall monitor and record the catalyst inlet, outlet temperature, and injection rate of the reducing reagent [for SCR system only] at least once per week. The date and time of these measurements shall also be recorded. All exceedances outside the temperatures for maximum emission control shall be recorded in the log. The monitoring is not required if the unit is not in operation. Records shall be maintained on the premises for at least five years.